

Patent

Attorney's Docket No. 1032404-000082

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Hirofumi Totsuka et al.)	Group Art Unit: 2611
Application No.: 10/517,493)	Examiner: JASON M. PERILLA
Filed: December 10, 2004)	Confirmation No.: 7124
For: CLOCK DATA RECOVERY)	
CIRCUIT)	

RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This election is filed in response to the Office Action dated September 4, 2007. In the Office Action, the Examiner identified two (2) inventions. The Examiner required the Applicants, under 35 U.S.C. §121, to elect a single invention for prosecution. The two inventions identified by the Examiner are:

- I. Claims 1-10, drawn to data recovery using one clock generating circuit
(which the Examiner characterizes as corresponding to Figs. 1, 4, 6
and 8); and
- II. Claims 11-12, drawn to data recovery using two clock generating circuits
(characterized as corresponding to Fig. 11).

Without conceding to the appropriateness of the restriction requirement or the characterization of the claims, the Applicants elect the subject matter of Group I, i.e. data recovery using one clock generating circuit, represented by claims 1-10.

Applicants understand that claims 11-12 will be withdrawn from prosecution.

Applicants reserve the right to file divisional applications.

In the Office Action, the Examiner identified three (3) species. The Examiner required the Applicants, under 35 U.S.C. §121, to elect a single species for prosecution. The three species identified by the Examiner are:

- A. Claims 1-4, wherein the variable delaying unit is “between the voltage control circuit and the phase comparator.” (Figs. 4 and 10);
- B. Claims 5-7, wherein the variable delaying unit is “between the frequency divider and the phase comparator.” (Fig. 6); and
- C. Claims 8-10, wherein the variable delaying unit is “at a front stage of the data identifier.” (Fig. 8).

Applicants elect the subject matter of Species A, represented by Figures 4 and 10. Claims 1-4 read on the elected species, with Claim 1 being generic to more than one of the identified species.

An early examination and favorable action on the elected subject matter are respectfully requested.

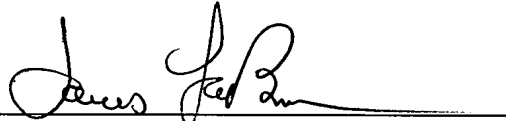
In the event this paper is not considered to be timely filed, Applicants hereby petition for an appropriate extension of time. The Commissioner is authorized to charge payment for any additional fees which may be required with respect to this paper to our Deposit Account No. 02-4800.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: October 3, 2007

By:

A handwritten signature in black ink, appearing to read "James A. LaBarre", written over a horizontal line.

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